

San Pedro Bay Ports of Long Beach & Los Angeles

Background For July 3, 2018 Tour

USEPA, Region 9

Regional Administrator Mike Stoker Briefing

June 20, 2018

Outline



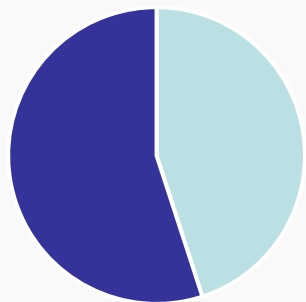
- South Coast Air Quality Challenge
- Ports Overview
- Clean Air Action Plan (CAAP) 3.0
- EPA Actions



South Coast Air Quality Challenge

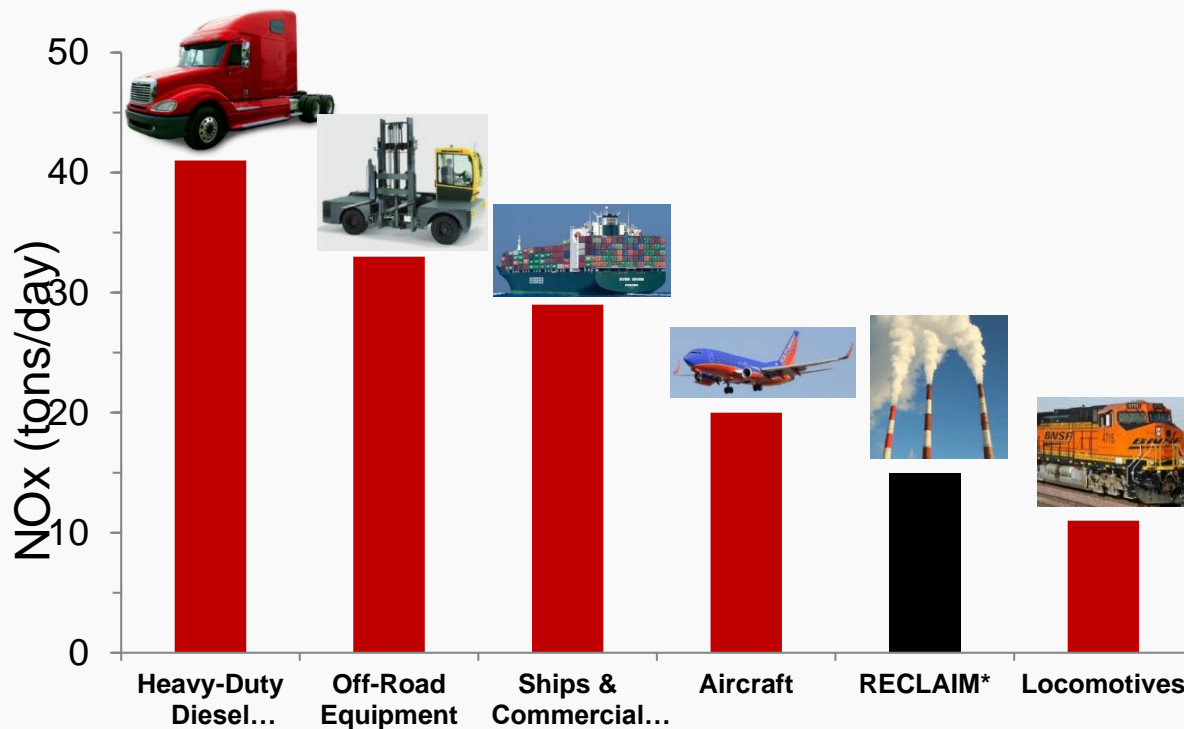


45% NOx emission reductions by 2023



55% NOx emission reductions by 2031

South Coast Top NOx Sources (2031)



* ~300 largest stationary sources, including refineries & power plants. Source: South Coast AQMD, 2016 Air Quality Management Plan



Port of
LONG BEACH
The Green Port



THE PORT
OF LOS ANGELES



San Pedro Bay Ports Overview



- Handle 37% of the nation's containerized waterborne imported cargo
- Top U.S. Transpacific Ports
 - Handle 52% of the nation's containerized trade with Asia in 2016
- Serve Large Local Market
 - 22 million people
- Proximity to large warehouses and distribution centers
 - 1.8 billion square feet
- Critical to National Goods Movement



Clean Air Action Plan (CAAP) 3.0

2017 Emission Reduction Targets



- 2023 Emission Reduction Goals (below 2005 levels)

- NO_x: 59%
- Diesel Particulate Matter: 77%
- SO_x: 93%



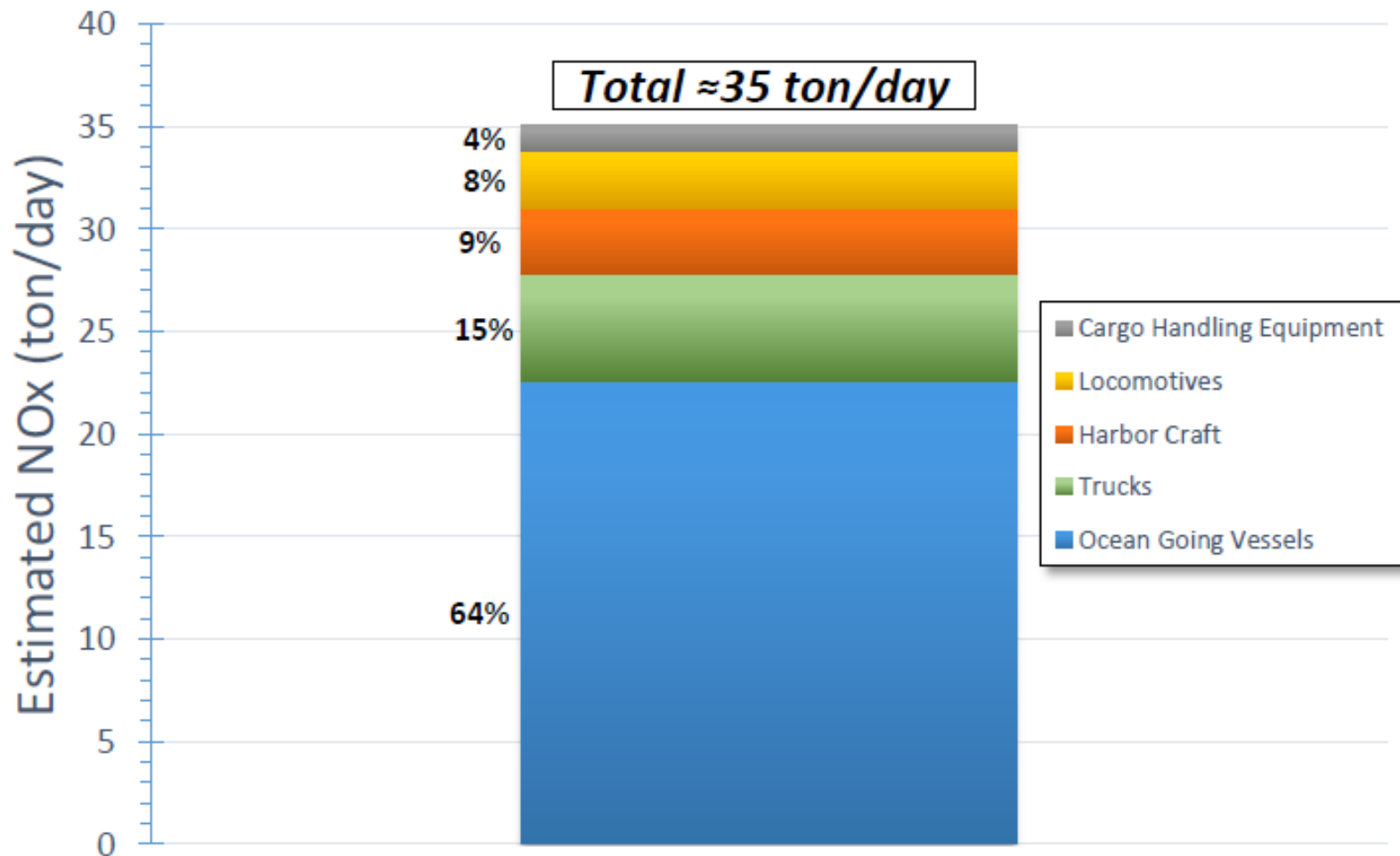
- Greenhouse Gas Reduction Goals

- 40% below 1990 levels by 2030
- 80% below 1990 levels by 2050

- Emission Reductions in all sectors

- Trucks, Cargo Handling, Harbor Craft, Locomotives, Vessels
- Electrification, Advanced Technologies, Clean Fuels, Energy & Operational Efficiencies

Estimated 2023 NOx Emissions Associated with Ports



2023 Ports Emissions = 13.6% of Total South Coast NOx inventory (257 tons/day)

San Pedro Ports EPA Actions



- Regulatory Flexibility
- Funding for Cleaner Vehicles & Technology - \$38m leveraging \$80m
- Convene Stakeholders to Advance Technology
- Outreach & Public Events
- Engage Communities
- International Leadership



Questions?